Am Inaugural Defectation Addition to the Proport, Sustees, and Medical Profesions, of the University of Bennsylvania. For the degree of Doctor of Medicine, John J. Boyd New Jusey-April 1 1 1310

As the function of nutrition is the tenue by which every animal utains its existence; and on the integrity of the open rations of which, health is dependent: To any diviation from its natural and regular order inducer direaf, and its entire cuspension or abolition, as entainly proven fatal. So important is the perfect animalization of aliment that the degutive organs have long held a high station in Physiological science; and then discuss obtained la--borious and ingenious investigation. The florach with the beain wer heart has been denomina = ted the tripod of the system on which with each inferi = - or agent in the animal evernomy. In reflecting on the intercourse and communication between our material and immaterial part, we are for - end to observe, that nature seems to have endues particus = las portions of our frame, with a more exquisite connection with our mental part; and subjected them to a close sympathy with our pressions and feelings. Umong they none perhaps is now smenently distinguished them the digutive organi generally, wie the Stomach in parties In contemplating this view of the subject;

a manifest the same on any or a supplied a same we will be the on the second to be seen

We are not surprised that Van Helmont should consider The Stomach the seat of the soul. Again when we observe its sympathies, and intimate connections, with almost every frant of the body; so that if thep are disseased, it shortly becomes implicated in the mirchief, and discover eyouptome of decangement; we are forced to arknowledge the propriety of elenominating it the Sial-plate of the system. In some affections and particularly in those of the Prain; the Stomach often is the first in giving the alarm. While the brain is thus deficient in unsibi = lity, and often refuses to give the Physician information that the work of disease has commenced: The Stomout like a faithfull centiral sounds the alacon and leads to an usustigation of its cause. From the importance of the Stomach whose office herforms the most need any operation in the unimal economy; whose sympathies bind together in one great eich of feeling; actions and motions both distant and opposite; it become an object of moment in all its disease to decide, whither the Homach is involved in a direct affecting primarily, some different and distant part; or whether the exourse of the wil is to be searchast for in the organ itself. - Here the very course which

the same of the same in the that he and I wish he as on the eigen elselfs - there he was comme at

give the Homach an elevated rank among the organi of our body become an impediment to our distinguishing its idiopathic diseases. But as this discurring tion however effect it might be is perhaps impracticable; since we can never be certain that the Stomach alone is affected, or even that it is primarily affected, as general nervous initation may have preceded the disorder, or may have been caused by it. But as newous initability and weaking are not perhaps sweeplible of a direct one by one decine; and as in all these cases the digution organs are disor-- deed, and form either as a coupe or symptom a very formidable part of the direct. It would be more advan tageous to emit Mufe madicines which may be suf-= posed to act on the newes; and direct our attention to such remedies as improve the function of slightion; The operations of which are so much more susceptible of medecinal aid. This line of practice will appear more plausable from the history of such diseases as are denominated newous. and by comparing their symptoms with such affection as are decidedly attributable to duo. - and of the digetion organs; lind by observing their almost univerally accompanying disease of the last. These disease appear to depend in some instances on a

The least grades in after more should he often win his segment his to opening they are . The state of the state of the same

natural free disportion; and may be marked in many cases in the first itages of infancy. - The child born of newous purente (that is to eay) favents of week digestive organs and witable nervous system; subject to believe and span - moder complaints; will at the breast be very liable to bowel affections, such as cardialgia, flatuline, constipation or diawhea, gripes, yellow gum or jaundie; Thep will be aft to come on from slight causes, as when The milk of the news is affected either by her pressions, or impropriety of diet; or when anything has entered it food that is difficult of volution in the stomach. These cause will often operate with such force and effect as to induce consulsions and death. In these case the disorder of the digestive organs appear to be the earl of the consclions; and the extreme witability which continue until the offending matter in The just perfugu be consiled or removed and their regular function restored. This will arguine additional probes bility when we deflect that about all the disease of infante originate from disorder of the diges time organs. Many of Mife diseases evidence their effects on the explore by producing out time of various descriptions on the Thin. In other cases the arterial system will be brought wito sympathy with the chylopoietic viene; or their disorder by reacting on the blood refuls will induce four. But some the mucular predis position

The To other case the article with all to

frevails in infancy, and initability freedominates over unibility very unlating cause of ducase is most usually invited to the nervous system, inducing convulsions.

If we pursue an infant with out a state of its diges live organs, to the period of puberly we will most probably we it affected with Chorea. and if it be a female with

Morous and hysteria.

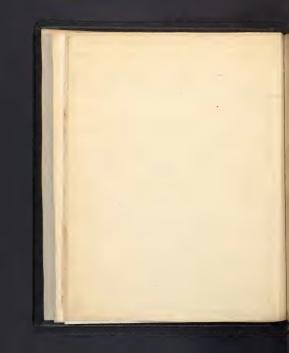
which in this cam appear to be to real of the surgenal direct; in on when Bufe offects seem to depend for their cause; time in proportion is the function of digestion improves, thefe oy of tom sin affect.

His also known that in local organies were assidents on of realisms, The Homsel in afficient to be the fact prince polly affected. Mit Above they have about many our in suffert of the openion, that local witation affeling the newconsequence; may account a subsequent during men of most momentous nature, one which appears to be the court of great your and disorder of the explain. Because an amendment laking proces in the Nati of Migh weeks, a corresponding allend

: which of the general eyemplome ensues. Source of cutton an favour a victor't die

Embane of the right risks were, it was to expected Hat a life usue of a mile engl, will present a sign to fact of the am nature. Help lighter degre of its argument we obse is an ownerous complaints

rich savely poil to be automparied with desording



of the obstominal inea - the hird the come state of the chilojocelie rica in the - transce stage of fumbar abeegscompound fraction - and set and of forest week with impart more trackle, wire we timed, itation to the whole apleme that we it a tre int wat ration of one in all duceful to some the sends out, some try cause it many much the suff que and of some may be some to saint and the form the cause the saint was the direct; and that this would just now paperly unsen the becoment of the promon affections remedo But in the first unlance it would be surproudicable we many case to comove the wonde surper and in the second place their removal must not always ensure the semonal of their effects. As the tale of malation of the Homewh; seed its durant secution would make just bably continue from habit, after the course first medicing them had ceased to crist. I. Mat in they care then secondary affects on the segution organi will require the appropriate remedie for By peps a which form so strong a broud in their character.

you blate the county found that the fremedice must only four blates the county the premary affections; in that four blates the configuration of yells to very contribute, the effect of leading to yell to very find the charge of the county of

realization . Some Hen lines regions can affect the thy realization on the reasons before to make the processing exclusion on the reasons of processing the follows that any carefu which is expedited of processing this state in the newwood system; is also expedite discount to the remains system; is also expedite



of descretaring the degention organs live that the survey of The o gues, whatever may be the coup in the feet instance; when once established, may become a coupe of mitation and disorder of the survous egs lem. So that in the we consider the desorders of the diges live organices a county or an effect; They equally claim our notice, and demand the prempt and shillful extra to tion of their appearate remedies. In Gullen I as I rate of degrapapina as an idiopathe ducafe; The upon them is a hick are a want of appetite Topesan ihosefe an investine something judden and teamsient dutention of the Plemack; overlations, heart buen; pain in the excion of the Henrich, and a bound belly. But buds Trije up place There we often which as dicidade mack divorse we the through; sind a followet they Topoieth were whether it outs as on dispother or lymp temale affection. Level as a conventural extern and fe lor of the warrations, which are generally deficent in quartily. The longue is day intelish or fined at it back hart. The examplem a most of ha ent in the morning. Merhap 4. Male of the year is the best evidence of the state I The stomach; net only as it indicates the cap generally, but also from the rescumetance of its being a continuation of the surface of that organ. The falient but the more by the ride, min left by the deap breegen than in the healthy state. The wine is prequently limbed. For Live a likely be participate in the decorder of the



Howards, in the beliancy secution is wither stimulatures or veleated. I very unule able objections may be made to considering the disordered the free in of the live, as a cultion of I she of the Hemach were into time, wine the live is in some moure independent of the organs, and may be the subject of a direct confined to itself. In some cases also devorders of the atimentary canal may take place with out duturbing the function of the Live. Will however in general, die ordered the Homach our fourth affect the function of the Lover; and the state of the biliary secution, affords a very up ful widome of the more or lef general divoder of the chylopoulie visia. No mo = trial duorder can take place in one of the dige his organs without desturbing the functions of the others. If the Stomach for fever it office unperfectly, The function of the atementary canal well soon farticipate in the disorder of the Hamuche My te Hife is an sure the rection of bile will for bally become inegular; some the live would invito chars of the africulating process wereased, to con-: next or o'sociate He errors of the other elycopocietic visua. In treating the subject of dyspepisia, it has been the procline to consider the Planach alone as production of The direct. In I as The Time is now known to be consume in the function of nutrition; not only by fearithing and · ention the exite beli; but by pouring a highly arimilate



2nd in titious fluid into the intertioner - its influence on the mount in much of the right on deserve in portant on the wife But as The weer of The subject involves The direces and desorter of that organ; to reme wer and emporteent I small only treat of that affection of the Romanh denomination by It Bullen Reppoposes; The symptome of which have been summates. The cause have been considered under two heads. Monder the first - They which seet streetly are immediatily whom the Stormach itself. Under the second head have been arranged Mufe come which art upon the whole body, or faulicular put of it; but in consequence of which, the chomach is Mufly or almost the only hart affected. Of the first class of course are, the oxespine up of ardent Much - Cortain channelating nancotine laken into The Howark such as strong tea; Coffee; Tobacco Operin; All Bitter and anomatics, acid aliment; imporfed men tication; frequent replation; the exception up of lugar; nopid acceent regulable food; The residen hamselier from animal to a regetable dist; and vice weren; The rejection of the salina; worms; scheiners; Huguest of of Emelies; The habitual of of Nile. It of course which act on the whole body, or on particular peuts or functions of it are, an inditent are redendary life; Grief: Intern perate deedy or app to ration to businel; mount air; sailing; Beginning; Gall lones;

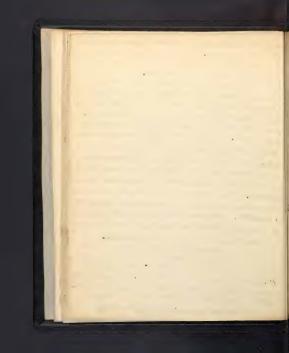


discuss and disorders of adjoining ciona; at a cycle lette; general form and great intelior from local injurie.

The remedies divide themselve and Ball althe and hadical. To proceeding to the cene all the donale and exerciting course should if practicable be removed or avoised. In the the hear of the pull alone removes may be rankey such as remove from the Homanh much matter as give rife by its presence to desagreeable eyemplooms; as a sense of weight in the Blomash; How excelation of emperfully diger = had and improper aliment. I perform this undication mild conclus may be used; which not only will releive The It much from empreje rathe hat wire impose its secutions with rafief 11 in some in - is used to rough an wind in The Hemach, which a produced by the foor met being under the slightime powers; in stomach, follows its material law of seed fermentation. They are magneted calcined oyster stulls; Ethalk: alk sties; small doses of common ; alt. Time water with milk a relution of con montall in lime juice. Humalant have been exhibited a chart lime previous to a much; to curite secretion to the Homach and mile ite action - as a few grains of father a small def of opium; How grains of throubant laken an how before dinner has been if much service, by gently stimulating the stomach; and expelling the seeder of alimentery matter; it also we = near the of petite. Estermbo may be wie for this last per ofe . Brut of the appelle is du proportioned to the houses ;



digestron, sweet oil may be taken before oncels to blust it would not vering . . her 's The region of the item with I we been if ufe in premoting digestion; in medicale com = prepion and priction on the stormach. In proceeding to the Practical one, the emedies Moved be regulated by the state of the explem. In the comm ment of this disease there is often a spices of chronic inflan - ation of The Planoch, which will again blood bling. But if the pulse should not authorize veneschion finition may be used. Buge well be if up not only in master rating action, and reducing the excitement, but also in relieving the bourle. For if digestion is imperfully for former in the Stomach; and the matter peop in this state into the interdiner A will initate them were beef up the premary offertion. They will also present the bounds regular suit prevent entering, which is so dieber fing and aggressaling a symptom. Intention a full who the best carmentis for it not only hall ale: but by giving love to the bloom out are bounds performs a part of the redical cure. It tile the excitoment of the system is above for the Homach is generally sequentable; am often to such a deque. But the ambient it make one ujuled . Here a vegilable diet of the mildert bind must be weed. I ming this state of extreme with tilly of the 11 mark, and with were discon = lent under any breakment, It has been recommenced for The palient to fact and receive nourishment by



probition injections thrown such the intertines. Throse this instrument the standard to have requested from it from the section of home of sections, and to have founded their such speed humans.

If the Junke is reft and matural; if there is in me is supplement of the secret exerctement of these is me from per sent, Then Somes such themselves may be given in store agreed the per such that for abuse to much action in the pulse and if they do not for abuse to much action in the pulse and head out for much for much action in the pulse and head out for me the Homeach. It small stegres of emme town is not force and the that having used tonics for some town is not thousand a mark, that they of rould be alleged from is with the sound that the signal of the allegen is and the standard by granding its excellability, and that the termstar should be granded to a substitutely. He tonics may be combined as a significant of gestion, finger, or Columbo.

The Back is cared to be of no up in this chirage, It appears that the macroisme arguers considerable tome in the disjustice that me existence an active commany in any strengt; and of course an imperiper one in any papears of next imperior to the papears.

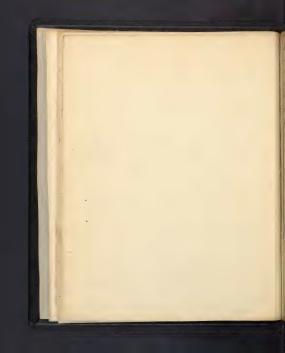
You of of a well regulated and profes with a of want important of this direct. The aliment should were on the heatment of this direct. all broths and leas are in be solid and thoughing cooked; all broths and leas are in

peoper. In decires of days of the should be every little of any him? I'm decires of days of the should be every without the Jackies and never laken before a meal. For one peoper we can task juice; and peoper the Jack in more on the start in peoper with this meet are gent of adjustion. Mat in peoper we

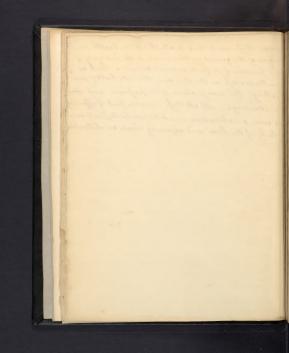


accustomes to the of of wine Port, . . . win a color way he we do How in these cases digestion will not go on well if The Hamauto is deficient of a stimulus, which it has my been accustomed - Uneasy sensations will be experi soners, denoting a discontented state of this organs; and a want of the expected strimales. It was They are our to improper to rechain persons from The enforg were who have been in the habit of lasting - A moderate quantity may be allowed after dinner. But trong in montes liquous must be injurious at any other period. It is wrong to stimulate the stomach, when it has no lack to perform. If the appelite is defer ent. The Elin Vite or Hunkam; timetime may be week. 'on patient should at be meaner to smill to fore & for cating a me . my . " isset is in private the new are unexpected direct they : w. I. some little , week of one Her at a bine . If to Stemach , jour digestion out he ist much

The first the coming in a single the transfer of the transfer



added thep which lend to established the health wer vigour of the general system; on which the integrity of The functions of its pents so once to depends. Tuch as gentle exceipe in the open min; the eved bathy seen bathing; the unigorations of the papions and uns destanding. If all the remedia feil of effecting a eme; a salivation must be resorted to; partieu = larly if the Line and adjoining visua an obstunter.



Dige math as a measure I would out, observe that tion to the recommen no to the benefit of South that half the up in the material hubica

In This upony our wyspissen, The author has given a very ju cious we view of the disease. It has done sufficient justin to h subject, to render it worting of respectful notice . - It has be much the fashion to celebrat highly the efficacy of minerally ters in the com of this dother diseases; and I am happy to find our author not swayed in his belief by the repetition of the opinions. He thinks they have born a much greater character than they deserve from any medical properties they popals; and their seeming benefit he more properly attributes to the cha of atmosphere & Company, & the exercise the patient is newpor compelled to take - Certain it is, that we have it in over hower to form certificial waters infinitely more be strong Than any which hature produces; but which are unalted with the same beneficial influence, merely from the alvenn of the above mentioned causes of health.

another circumstance which the author has very Judiciansly enforced in the cure of this tiscase, is a stine attention to the state of the Bowels; and his observations ar not less proper to be attended to in other diseases, as well as in health, as a measure of prevention of disease. Then

Observis are - 150 secon-In noting this 10 fully, I would only observe, that a du attention to the recommendation, would certain tend more to the benefit of Society, that half the Dougs in the materia morice. -